

BIRDS OF SOUTHWESTERN IDAHO

Daniel A. Stephens^{1,2} and Timothy D. Reynolds^{1,3}

ABSTRACT.— Based on personal birding experience, interviews with local birders, written comments and responses to a preliminary check-list, and a review of state and federal agency records and the ornithological literature, a list of 333 species of birds known to occur in southwestern Idaho is presented. The preferred habitat, season of use, breeding status, and relative abundance of each species are given.

Idaho has extreme geologic, topographic, and climatic diversity. The diversity of habitats and microhabitats is reflected by the abundance of vertebrate species within the state. In this regard, southwestern Idaho (south of the Salmon River and west of the 114° Meridian; Fig. 1) is no exception. Within this region, elevation ranges from around 350 m ASL in Hells Canyon on the Snake River to over 3,600 m ASL in the White Cloud Peaks of the Sawtooth Mountains. Although sagebrush steppe and coniferous forests are dominant vegetation types in southwestern Idaho, numerous pond, marsh, lake, reservoir, agricultural, alpine, and riparian habitats are present. As the varied habitat suggests, there is a concomitant diversity in the avifauna. Here, typically northern taiga species such as the Boreal Owl (*Aegolius funereus*) can be found less than 200 km from strictly desert species like the Black-throated Sparrow (*Amphispiza bilineata*). The objective of this study was to develop an accurate check-list of the birds occurring in southwestern Idaho, documenting the breeding status, abundance, season of use, and preferred habitat for each species.

MATERIAL AND METHODS

Although many regional bird check-lists are generally a combination of birds known to occupy an area as well as birds suspected to be in the region, our list (Table 1) includes only those species for which there are reliable records. Data were gathered from a

series of interviews with local birders, reviewing wildlife records from various state and federal agencies, an extensive review of the ornithological literature, and personal birding experience in southwestern Idaho.

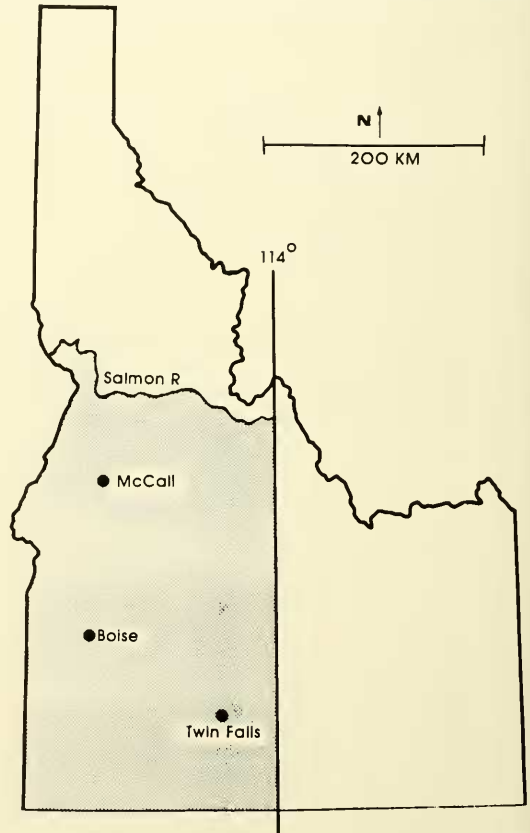


Fig. 1. The southwestern Idaho study area (shaded), south of the Salmon River and west of the 114° longitude.

¹Department of Biology, Boise State University, Boise, Idaho 83725.

²Present address: Biology Department, Central Washington University, Ellensburg, Washington 98926.

³Present address: Biology Department, Idaho State University, Pocatello, Idaho 83209.

TABLE I. Birds of southwestern Idaho. Introduced species are preceded by an asterisk (*)

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ¹	References
GAVIIFORMES			
Gaviidae			
Red-throated Loon. <i>Gavia stellata</i>	V6	w	23, 7, 36
Arctic Loon. <i>G. artica</i>	M6	w	MC, JD, RK, AL
Common Loon. <i>G. immer</i>	B4, M3, W4	w	
Yellow-billed Loon. <i>G. adamsii</i>	7	w	32
PODICIPEDIFORMES			
Podicipedidae			
Pied-bill Grebe. <i>Podilymbus podiceps</i>	B2, W4	w	
Horned Grebe. <i>Podiceps auritus</i>	M3, W4	w	
Red-necked Grebe. <i>P. grisegena</i>	M5	w	7, 13, 23, MC, DJ, TDR, DAS
Eared Grebe. <i>P. nigricollis</i>	B3, M2, W4	w	
Western Grebe. <i>Acchmophorus occidentalis</i>	B2, M2, W4	w	
PELECANIFORMES			
Pelecanidae			
American White Pelican. <i>Pelicanus* erythrorhynchos</i>	S4, M3	w	
Brown Pelican. <i>P. occidentalis</i>	V6	w	7, 33
Phalacrocoracidae			
Double-crested Cormorant. <i>Phalacrocorax auritus</i>	B3, W4	w	
CICONIIFORMES			
Ardeidae			
American Bittern. <i>Botaurus lentiginosus</i>	B3	w	
Least Bittern. <i>Ixobrychus exilis</i>	M6	w	USFWS
Great Blue Heron. <i>Ardea herodias</i>	R2	w	
Great Egret. <i>Casmerodius albus</i>	B4, M3, W5	w	
Snowy Egret. <i>Egretta thula</i>	B3	w	
Cattle Egret. <i>Bubulcus ibis</i>	V5	w, f	AL, IDF&G, USBLM, USFWS
Green-backed Heron. <i>Butorides straitus</i>	V4	w	
Black-crowned Night-Heron. <i>Nycticorax nycticorax</i>	R3	w, d	
Threskiornithidae			
White Ibis. <i>Eudocimus albus</i>	V6	w	7, WB
White-faced Ibis. <i>Plegadis chihi</i>	B3	w	
Ciconiidae			
Wood Stork. <i>Mycteria americana</i>	V6	d, w	2
ANSERIFORMES			
Anatidae			
Fulvous Whistling-Duck. <i>Dendrocygna bicolor</i>	7	w	7, DJ
Tundra Swan. <i>Cygnus columbianus</i>	M2, W4	w	
Trumpeter Swan. <i>C. buccinator</i>	V5	w	7, JFD, DT, USFWS
Greater White-fronted Goose. <i>Anser albifrons</i>	M3	w	
Snow Goose. <i>Chen caerulescens</i>	M3	w, f	
Ross' Goose. <i>C. rossii</i>	M4	w	
Canada Goose. <i>Branta canadensis</i>	R1	w, f	
Wood Duck. <i>Aix sponsa</i>	B4, M3, W4	w, d	

¹See text for Abundance Code.²Breeding and Seasonal Use Code:

R = Breeder and year-round resident.
 B = Summer breeder
 M = Migrant
 W = Winter visitor
 S = Summer visitor; no breeding records
 V = Erratic visitor; no breeding records

¹Habitat Code. (Multiple habitats listed for a particular species are given in descending order of occurrence.):

w = on or near water or marsh
 g = grassland or steppe
 j = juniper woodland
 d = deciduous woodland or riparian
 c = coniferous woodland
 a = alpine
 f = agricultural

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ³	References
Green-winged Teal. <i>Anas crecca</i>	B3, M1, W3	w	
American Black Duck. <i>A. rubripes</i>	7	w	THR
Mallard. <i>A. platyrhynchos</i>	R1	w, f	
Northern Pintail. <i>A. acuta</i>	B3, M1, W3	w	
Blue-winged Teal. <i>A. discors</i>	B4, M3	w	
Cinnamon Teal. <i>A. cyanoptera</i>	B2, M2, W6	w	
Northern Shoveler. <i>A. clypeata</i>	B4, M2, W4	w	
Gadwall. <i>A. strepera</i>	R3	w	
Eurasian Wigeon. <i>A. penelope</i>	V5	w	7, 8, TDR, DT
American Wigeon. <i>A. americana</i>	B4, M1, W2	w	
Canvasback. <i>Aythya valisineria</i>	B4, M2, W4	w	
Redhead. <i>A. americana</i>	B2, M2, W4	w	
Ring-necked Duck. <i>A. collaris</i>	B4, M3, W4	w	
Greater Scaup. <i>A. marila</i>	M6, W5	w	MC, LR, DT
Lesser Scaup. <i>A. affinis</i>	B4, M2, W3	w	
Harlequin Duck. <i>Histrionicus histrionicus</i>	S6, M6	w	7, 39, MC, BH, DJ, AL
Oldsquaw. <i>Clangula hyemalis</i>	M6, W5	w	7, 26, 42, RK, AL, IDF&G
White-winged Scoter. <i>Melanitta fusca</i>	V6	w	7, 32, USFWS
Common Goldeneye. <i>Bucephala clangula</i>	M2, W2	w	
Barrow's Goldeneye. <i>B. islandica</i>	M4, W3	w	
Bufflehead. <i>B. albeola</i>	M2, W3	w	
Hooded Merganser. <i>Lophodytes cucullatus</i>	M4, W4	w	
Common Merganser. <i>Mergus merganser</i>	B3, M2, W2	w	
Red-breasted Merganser. <i>M. serrator</i>	M4, W5	w	
Ruddy Duck. <i>Oxyura jamaicensis</i>	B3, M2, W4	w	
FALCONIFORMES			
Cathartidae			
Black Vulture. <i>Coragyps atratus</i>	7		THR
Turkey Vulture. <i>Cathartes aura</i>	B3, W6	g, c, j, f	
Accipitridae			
Osprey. <i>Pandion haliaetus</i>	B3, M3, W6	w, c	
Black-shouldered Kite. <i>Elanus caeruleus</i>	V6	g	35
Bald Eagle. <i>Haliaeetus leucocephalus</i>	B5, M3, W3	w, c, d	
Northern Harrier. <i>Circus cyaneus</i>	R2	w, g, f, j	
Sharp-shinned Hawk. <i>Accipiter striatus</i>	R3	g, d, f, j, c	
Cooper's Hawk. <i>A. cooperii</i>	R3	g, j, d, c	
Northern Goshawk. <i>A. gentilis</i>	R3	c, d, j	
Broad-winged Hawk. <i>Buteo platypterus</i>	V6	g	6, 7, MC
Swainson's Hawk. <i>B. swainsoni</i>	B3	g, d, f	
Red-tailed Hawk. <i>B. jamaicensis</i>	R2	g, d, c, j, f	
Ferruginous Hawk. <i>B. regalis</i>	B3, W6	g, j	
Rough-legged Hawk. <i>B. lagopus</i>	W2	g, f	
Golden Eagle. <i>Aquila chrysaetos</i>	R3	g, j, d	
Falconidae			
American Kestrel. <i>Falco sparverius</i>	R2	g, f, d, j	
Merlin. <i>F. columbarius</i>	R4	d, g, f, c	
Peregrine Falcon. <i>F. peregrinus</i>	B?5, M5, W5	g, w, c, a	7, 14, JFD, TDR, CT, IDF&G, USFWS, USBLM
Gyr Falcon. <i>F. rusticolus</i>	W6	f, g, w	7, JD
Prairie Falcon. <i>F. mexicanus</i>	B2, W3	g, j, a, c	
GALLIFORMES			
Phasianidae			
°Gray Partridge. <i>Perdix perdix</i>	R3	g, f	
°Chukar. <i>Alectoris chukar</i>	R2	g, j	
°Ring-necked Pheasant. <i>Phasianus colchicus</i>	R1	f, g	

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ¹	References
Spruce Grouse. <i>Dendragapus canadensis</i>	R4	c	
Blue Grouse. <i>D. obscurus</i>	R3	c	
White-tailed Ptarmigan. <i>Lagopus leucurus</i>	R6	a, c	13
Ruffed Grouse. <i>Bonasa umbellus</i>	R3	c, d	
Sage Grouse. <i>Centrocercus urophasianus</i>	R3	g	
Sharp-tailed Grouse. <i>Tympanuchus phasianellus</i>	R4	g	
°Wild Turkey. <i>Meleagris gallopavo</i>	R4	d, c	
°Northern Bobwhite. <i>Colinus virginianus</i>	R4	f, g, d	
°Gambel's Quail. <i>Callipepla gambelii</i>	R5	g, d	2, 31, MC, LR
°California Quail. <i>C. californica</i>	R2	g, d, f	
Mountain Quail. <i>Oreortyx pictus</i>	R4	d, c, f	
GRUIFORMES			
Rallidae			
Yellow Rail. <i>Coturnicops noveboracensis</i>	7	w	28
Black Rail. <i>Laterallus jamaicensis</i>	7	w	AL
Virginia Rail. <i>Rallus limicola</i>	B3, W6	w	
Sora. <i>Porzana carolina</i>	B3, W5	w	
Common Moorhen. <i>Gallinula chloropus</i>	V6	w	36
American Coot. <i>Fulica americana</i>	B2, M1, W2	w	
Gruidae			
Sandhill Crane. <i>Grus canadensis</i>	B4, M2	g, w	
CHARADRIIFORMES			
Charadriidae			
Black-bellied Plover. <i>Pluvialis squatarola</i>	M5	w	7, 14, 28, MC, DAS, IDF&G, USFWS
Snowy Plover. <i>Charadrius alexandrinus</i>	V5	w	13, JD, LR
Semipalmated Plover. <i>C. semipalmatus</i>	M3	w	
Killdeer. <i>C. vociferus</i>	B1, M1, W3	w	
Mountain Plover. <i>C. montanus</i>	7	g, w	IDF&G
Haematopodidae			
American Oystercatcher. <i>Haematopus palliatus</i>	V6	w	38, DAS
Recurvirostridae			
Black-necked Stilt. <i>Himantopus mexicanus</i>	B3	w	
American Avocet. <i>Recurvirostra americana</i>	B3, M2	w	
Scolopacidae			
Greater Yellowlegs. <i>Tringa melanoleuca</i>	M3	w	
Lesser Yellowlegs. <i>T. flavipes</i>	M3	w	
Solitary Sandpiper. <i>T. solitaria</i>	M4	w	
Willet. <i>Catoptrophorus semipalmatus</i>	B3, M3	w	
Spotted Sandpiper. <i>Actitis macularia</i>	B2, M3	w	
Upland Sandpiper. <i>Bartramia longicauda</i>	B4, M4	g, w	
Long-billed Curlew. <i>Numenius americanus</i>	B2	g, w	
Marbled Godwit. <i>Limosa fedoa</i>	M4	w	
Ruddy Turnstone. <i>Arenaria interpres</i>	7	w	13
Red Knot. <i>Calidris canutus</i>	M5	w	13, MC, RK, AL, JM, TDR, DAS
Sanderling. <i>C. alba</i>	M4	w	
Semipalmated Sandpiper. <i>C. pusilla</i>	M3	w	
Western Sandpiper. <i>C. mauri</i>	M2	w	
Least Sandpiper. <i>C. minutilla</i>	M2	w	

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ³	References
Baird's Sandpiper. <i>C. bairdii</i>	M3	w	
Pectoral Sandpiper. <i>C. melanotos</i>	M5	w	2, 7, 15, AL, JM, IDF&G
Dunlin. <i>C. alpina</i>	M5	w	2, JB, JM, DAS, TDR, USFWS
Stilt Sandpiper. <i>C. himantopus</i>	M4	w	
Buff-breasted Sandpiper. <i>Tryngites subruficollis</i>	M6	w	15
Long-billed Dowitcher. <i>Limnodromus scolopaceus</i>	M3	w	
Common Snipe. <i>Callinago gallinago</i>	B2, W4	w	
Wilson's Phalarope. <i>Phalaropus tricolor</i>	B3, M2	w	
Red-necked Phalarope. <i>P. lobatus</i>	M3	w	
Laridae			
Pomarine Jaeger. <i>Stercorarius pomarinus</i>	7	w	7, 24
Franklin's Gull. <i>Larus pipixcan</i>	B?4, M3	w	
Bonaparte's Gull. <i>L. philadelphia</i>	M4	w	
Ring-billed Gull. <i>L. delawarensis</i>	R1	f, w	
California Gull. <i>L. californicus</i>	B1, W4	f, w	
Herring Gull. <i>L. argentatus</i>	M4, W4	f, w	
Thayer's Gull. <i>L. thayeri</i>	7	w	MC
Glaucous-winged Gull. <i>L. glaucescens</i>	7	f	27
Glaucous Gull. <i>L. hyperboreus</i>	W6	w	4, USFWS
Sabine's Gull. <i>Xema sabini</i>	V6	w	7, USFWS
Caspian Tern. <i>Sterna caspia</i>	B3, M4	w	
Common Tern. <i>S. hirundo</i>	M5	w	7, USFWS
Forster's Tern. <i>S. forsteri</i>	B4, M3	w	
Least Tern. <i>S. antillarum</i>	V6	w	5
Black Tern. <i>Chlidonias niger</i>	B4, M3	w	
Alcidae			
Ancient Murrelet. <i>Synthliboramphus antiquus</i>	V6	w	13
COLUMBIFORMES			
Columbidae			
*Rock Dove. <i>Columba livia</i>	R1	d, f, j, c	
Band-tailed Pigeon. <i>C. fasciata</i>	V4	d, g, j, c	
Mourning Dove. <i>Zenaidura macroura</i>	B1, M1, W3	g, f, d, j, c	
CUCULIFORMES			
Cuculidae			
Black-billed Cuckoo. <i>Coccyzus erythrophthalmus</i>	B4	d	
Yellow-billed Cuckoo. <i>C. americanus</i>	B5	d	7, 13, 28, AL, USFWS
STRIGIFORMES			
Tytonidae			
Common Barn-Owl. <i>Tyto alba</i>	R2	g, f, j, d	
Strigidae			
Flammulated Owl. <i>Otus flammeolus</i>	B5	c, j, d	7, 18, LP, TR
Western Screech-Owl. <i>O. kennicottii</i>	R3	d, f	
Great Horned Owl. <i>Bubo virginianus</i>	R2	g, j, d, c, f	
Snowy Owl. <i>Nyctea scandiaca</i>	W5	g	2, 7, 22, DAS
Northern Hawk-Owl. <i>Surnia uhula</i>	7		7
Northern Pygmy-Owl. <i>Glaucidium gnoma</i>	R3	g, c, d	
Burrowing Owl. <i>Athene cunicularia</i>	B2	g, f	
Barred Owl. <i>Strix varia</i>	7		LP, USBLM
Great Gray Owl. <i>S. nebulosa</i>	R4	c	
Long-eared Owl. <i>Asio otus</i>	R3	d, f	
Short-eared Owl. <i>A. flammeus</i>	R2	w, f	
Boreal Owl. <i>Aegolius funereus</i>	R5	c	MC, DAS
Northern Saw-whet Owl. <i>A. acadicus</i>	R4	d, j, c	

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ¹	References
CAPRIMULGIFORMES			
Caprimulgidae			
Lesser Nighthawk. <i>Chordeiles acutipennis</i>	7		THR
Common Nighthawk. <i>C. minor</i>	B2	g, d, j, f, c	
Common Poorwill. <i>Phalaenoptilus nuttalli</i>	B3	g, j, c	
APODIFORMES			
Apodidae			
Black Swift. <i>Cypseloides niger</i>	7		7
Vaux's Swift. <i>Chaetura vauxi</i>	B3	w, c, d	
White-throated Swift. <i>Aeronautes saxatalis</i>	B3	w, g, c, a	
Trochilidae			
Black-chinned Hummingbird. <i>Archilochus alexandri</i>	B3, W6	c, d	
Anna's Hummingbird. <i>Calypte anna</i>	M5, W5	d	BH, AL, LM, TDR, DAS
Calliope Hummingbird. <i>Stellula calliope</i>	B2	c, d	
Broad-tailed Hummingbird. <i>Selasphorus platycercus</i>	B4	d, j	
Rufous Hummingbird. <i>S. rufus</i>	B3, M4	c, d	
CORACIFORMES			
Alcedinidae			
Belted Kingfisher. <i>Ceryle alcyon</i>	R2	w, d	
PICIFORMES			
Picidae			
Lewis' Woodpecker. <i>Melanerpes lewis</i>	B2, W4	c, d	
Red-headed Woodpecker. <i>M. erythrocephalus</i>	V6	d	7, 25, MC
Yellow-bellied Sapsucker. <i>Sphyrapicus varius</i>	B3	c, d	
Williamson's Sapsucker. <i>S. thyroideus</i>	B4	c	
Downy Woodpecker. <i>Picoides pubescens</i>	R2	d, c	
Hairy Woodpecker. <i>P. villosus</i>	R3	d, c	
White-headed Woodpecker. <i>P. albolarvatus</i>	R4	c	
Three-toed Woodpecker. <i>P. tridactylus</i>	R4	c	
Black-backed Woodpecker. <i>P. arcticus</i>	R5	c	2, 7, 16, 17, DJ
Northern Flicker. <i>Colaptes auratus</i>	R2	d, c, g, f	
Pileated Woodpecker. <i>Dryocopus pileatus</i>	R3	c	
PASSERIFORMES			
Tyrannidae			
Olive-sided Flycatcher. <i>Contopus borealis</i>	B3, M3	c, d	
Western Wood-Pewee. <i>C. sordidulus</i>	B3, M3	c, d	
Willow Flycatcher. <i>Empidonax traillii</i>	B2	d	
Least Flycatcher. <i>E. minimus</i>	7	d	MC
Hammond's Flycatcher. <i>E. hammondi</i>	B2	c	
Dusky Flycatcher. <i>E. oberholseri</i>	B3	d, c, j	
Gray Flycatcher. <i>E. wrightii</i>	B3	g, j	
Western Flycatcher. <i>E. difficilis</i>	B5	d, c	7, 46, TR, IDF&G, USFWS, USBLM
Black Phoebe. <i>Sayornis nigricans</i>	7		7
Say's Phoebe. <i>S. saya</i>	B2	g, d	

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ¹	References
Ash-throated Flycatcher. <i>Myiarchus cinerascens</i>	B3	j, g	
Western Kingbird. <i>Tyrannus verticalis</i>	B2	f, g, d	
Eastern Kingbird. <i>T. tyrannus</i>	B3	d, g, f	
Scissor-tailed Flycatcher. <i>T. forficatus</i>	V6	g	40
Alaudidae			
Horned Lark. <i>Eremophila alpestris</i>	R1	g	
Hirundinidae			
Purple Martin. <i>Progne subis</i>	M6	w, d	MC, LP
Tree Swallow. <i>Tachycineta bicolor</i>	B2, M1	c, d, w	
Violet-green Swallow. <i>T. thalassina</i>	B2, M1	c, d, w	
Northern Rough-winged Swallow. <i>Stelgidopteryx serripennis</i>	B2, M2	w, c, d	
Bank Swallow. <i>Riparia riparia</i>	B2, M2	w, f, g	
Cliff Swallow. <i>Hirundo pyrrhonota</i>	B1, M1	g, w, c, f	
Barn Swallow. <i>H. rustica</i>	B1, M1	f, w, g	
Corvidae			
Gray Jay. <i>Perisoreus canadensis</i>	R3	c	
Steller's Jay. <i>Cyanocitta stelleri</i>	R2	c, d	
Blue Jay. <i>C. cristata</i>	V4	d	
Scrub Jay. <i>Aphelocoma coerulescens</i>	R4	j, g	
Pinyon Jay. <i>Gymnorhinus cyanocephalus</i>	R4	j, g	
Clark's nutcracker. <i>Nucifraga columbiana</i>	R2	c, a	
Black-billed Magpie. <i>Pica pica</i>	R1	g, f, d, j	
American Crow. <i>Corvus brachyrhynchos</i>	R1	d, f, g, j, c	
Common Raven. <i>C. corax</i>	R2	d, g, j, c, a	
Paridae			
Black-capped Chickadee. <i>Parus atricapillus</i>	R2	c, d	
Mountain Chickadee. <i>P. gambeli</i>	R2	c, j	
Chestnut-backed Chickadee. <i>P. rufescens</i>	7	c	39
Plain Titmouse. <i>P. inornatus</i>	R5	j	2, 7, 13, 15, USBLM
Aegithalidae			
Bushtit. <i>Psaltriparus minimus</i>	R3	d, j	
Sittidae			
Red-breasted Nuthatch. <i>Sitta canadensis</i>	R2	c	
White-breasted Nuthatch. <i>S. carolinensis</i>	R3	c, d	
Pygmy Nuthatch. <i>S. pygmaea</i>	R4	c	
Certhiidae			
Brown Creeper. <i>Certhia americana</i>	R3	c, d	
Troglodytidae			
Rock Wren. <i>Salpinctes obsoletus</i>	B2, W5	g, j, a	
Canyon Wren. <i>Catherpes mexicanus</i>	B3, W4	g, j	
Bewick's Wren. <i>Thryomanes bewickii</i>	7	d	MC
House Wren. <i>Troglodytes aedon</i>	B2	d	
Winter Wren. <i>T. troglodytes</i>	R3	c, d	
Marsh Wren. <i>Cistothorus palustris</i>	B2, W3	w	
Cinclidae			
American Dipper. <i>Cinclus mexicanus</i>	R3	w	
Muscicapidae			
Golden-crowned Kinglet. <i>Regulus satrapa</i>	B4, W3	c, d	
Ruby-crowned Kinglet. <i>R. calendula</i>	R2	c, d	

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ¹	References
Blue-gray Gnatcatcher. <i>Poliopitila caerulea</i>	B4	d, j	
Western Bluebird. <i>Sialia mexicana</i>	B3	c	
Mountain Bluebird. <i>S. currucoides</i>	B2, M1, W5	c, d, j	
Townsend's Solitaire. <i>Myadestes townsendi</i>	R3	j, c, d, a	
Veery. <i>Catharus fuscescens</i>	B3	d	
Swainson's Thrush. <i>C. ustulatus</i>	B2, M3	c, d	
Hermit Thrush. <i>C. guttatus</i>	B3, M3, W5	c, d	
Wood Thrush. <i>Hylocichla mustelina</i>	7		7
American Robin. <i>Turdus migratorius</i>	R1	c, d, f, g, j	
Varied Thrush. <i>Ixoreus naevius</i>	B4, M4, W5	c, d	
Mimidae			
Gray Catbird. <i>Dumetella carolinensis</i>	B3	d	
Northern Mockingbird. <i>Mimus polyglottos</i>	V4	g, d	
Sage Thrasher. <i>Oreoscoptes montanus</i>	B2	g	
Motacillidae			
Water Pipit. <i>Anthus spinoletta</i>	B?4, M2, W4	g, w, a, f	
Bombycillidae			
Bohemian Waxwing. <i>Bombycilla garrulus</i>	W2	c, d, j, f	
Cedar Waxwing. <i>B. cedrorum</i>	B3, W2	c, d, j, f	
Laniidae			
Northern Shrike. <i>Lanius excubitor</i>	W3	g, f, d, j	
Loggerhead Shrike. <i>L. ludovicianus</i>	B3, W4	g, f, d, j	
Sturnidae			
°European Starling. <i>Sturnus vulgaris</i>	R1	f, d, g, c, j	
Vireonidae			
Solitary Vireo. <i>Vireo solitarius</i>	B3	c, d	
Warbling Vireo. <i>V. gilvus</i>	B2	d	
Red-eyed Vireo. <i>V. olivaceus</i>	B4	d	
Emberizidae			
Golden-winged Warbler. <i>Vermivora chrysoptera</i>	V6	d	TR
Tennessee Warbler. <i>V. peregrina</i>	M5	d	7, JB, MC, LM
Orange-crowned Warbler. <i>V. celata</i>	B3, W5	d	
Nashville Warbler. <i>V. ruficapilla</i>	B3	d, c	
Virginia's Warbler. <i>V. virginiae</i>	V5	j, d	7, 14, MC
Yellow Warbler. <i>Dendroica petechia</i>	B2	d	
Magnolia Warbler. <i>D. magnolia</i>	7	c, d	7
Yellow-rumped Warbler. <i>D. coronata</i>	B2, W4	c, d	
Black-throated Gray Warbler. <i>D. nigrescens</i>	B3	j	
Townsend's Warbler. <i>D. townsendi</i>	B4, M3	c, d	
Blackburnian Warbler. <i>D. fusca</i>	7		7
Blackpoll Warbler. <i>D. striata</i>	7	d	MC
Black-and-white Warbler. <i>Mniotilta varia</i>	M6	d	7, 13, 39, USFWS
American Redstart. <i>Setophaga ruticilla</i>	B4, M3	c, d	
Ovenbird. <i>Seiurus aurocapillus</i>	M6	d	JD, JM
Northern Waterthrush. <i>S. noveboracensis</i>	B5, M5	d, c, w	7, JB, MC, DAS, DT
MacGillivray's Warbler. <i>Oporornis tolmiei</i>	B3	d	
Common Yellowthroat. <i>Geothlypis trichas</i>	B3	w	
Wilson's Warbler. <i>Wilsonia pusilla</i>	B3, M3	d	
Yellow-breasted Chat. <i>Icteria virens</i>	B2	d	
Western Tanager. <i>Piranga ludoviciana</i>	B2, M2, W5	c, d	

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ¹	References
Rose-breasted Gosbeak. <i>Pheucticus ludovicianus</i>	V6	d	7, RK, AL, JM
Black-headed Grosbeak. <i>P. melanocephalus</i>	B3	d	
Blue Grosbeak. <i>Guiraca caerulea</i>	B4	d, g	
Lazuli Bunting. <i>Passerina amoena</i>	B2, M2	c, d	
Indigo Bunting. <i>P. cyanea</i>	V6	d	7, 30, MC, USFWS
Green-tailed Towhee. <i>Pipilo chlorurus</i>	B3	j, d, g	
Rufous-sided Towhee. <i>P. erythrophthalmus</i>	B2, M3, W4	d, g, j	
American Tree Sparrow. <i>Spizella arborea</i>	W3	g, w	
Chipping Sparrow. <i>S. passerina</i>	B2, M2, W5	c, d, j	
Clay-colored Sparrow. <i>S. pallida</i>	7	g, d	MC
Brewer's Sparrow. <i>S. breweri</i>	B1	g	
Vesper Sparrow. <i>Poocetes gramineus</i>	B2	g, c	
Lark Sparrow. <i>Chondestes grammacus</i>	B2	g, j	
Black-throated Sparrow. <i>Amphispiza bilineata</i>	B4	g	
Sage Sparrow. <i>A. belli</i>	B3	g	
Lark Bunting. <i>Calamospiza melanocorys</i>	V6	g	7, 35
Savannah Sparrow. <i>Passerculus sandwichensis</i>	B2, W5	g, w	
Baird's Sparrow. <i>Ammodramus bairdii</i>	7	g	7, 24
Grasshopper Sparrow. <i>A. savannarum</i>	B5, M5	g	7, 28, MC, DAS, USBLM
Fox Sparrow. <i>Passerella iliaca</i>	B4, M4, W5	c, d	
Song Sparrow. <i>Melospiza melodia</i>	R1	w, d	
Lincoln's Sparrow. <i>M. lincolnii</i>	B3, W5	d, a	
Swamp Sparrow. <i>M. georgiana</i>	W6	d	37
White-throated Sparrow. <i>Zonotrichia albicollis</i>	M5, W5	g	7, 41, MC, AL, LM, DT
Golden-crowned Sparrow. <i>Z. atricapilla</i>	M5, W6	g, d	7, 9, 10, 13, 26, 29, MC, DT
White-crowned Sparrow. <i>Z. leucophrys</i>	R1	g, a, f, d, c	
Harris' Sparrow. <i>Z. querula</i>	W4	g, d	
Dark-eyed Junco. <i>Junco hyemalis</i>	R1	d, c, g	
Lapland Longspur. <i>Calcarius lapponicus</i>	W5	g, c	2, 7, DJ, DT
Snow Bunting. <i>Plectrophenax nivalis</i>	W3	g	
Bobolink. <i>Dolichonyx oryzivorus</i>	B4, M4	g, d, f	
Red-winged Blackbird. <i>Agelaius phoeniceus</i>	R1	w, f, g, d	
Tricolored Blackbird. <i>A. tricolor</i>	7	w	7, LM
Western Meadowlark. <i>Sturnella neglecta</i>	B1, W2	g, f	
Yellow-headed Blackbird. <i>Xanthocephalus xanthocephalus</i>	B1, W4	w, f	
Brewer's Blackbird. <i>Euphagus cyanocephalus</i>	R1	g, f, j, c, d	
Common Grackle. <i>Quiscalus quiscula</i>	V6	d	MC, GEAS
Bronzed Cowbird. <i>Molothrus aeneus</i>	7		7
Brown-headed Cowbird. <i>M. ater</i>	B2, W6	g, f	
Orchard Oriole. <i>Icterus spurius</i>	7		7
Northern Oriole. <i>I. galbula</i>	B2	d	
Fringillidae			
Rosy Finch. <i>Leucosticte arctoa</i>	R3	a, g	
Pine Grosbeak. <i>Pinicola enucleator</i>	R3	c	
Purple Finch. <i>Carpodacus purpureus</i>	V6	d, c	3, 7
Cassin's Finch. <i>C. cassinii</i>	R2, M3	c, d	
House Finch. <i>C. mexicanus</i>	R2	d, c, f	
Red Crossbill. <i>Loxia curvirostra</i>	R2	c	

Table 1 continued.

Taxa	Abundance ¹ , season and breeding status ²	Preferred habitat ¹	References
White-winged Crossbill. <i>L. leucoptera</i>	W6	c	7, 11, 12
Common Redpoll. <i>Carduelis flammea</i>	W4	g, d	
Hoary Redpoll. <i>C. hornemanni</i>	7		27
Pine Siskin. <i>C. pinus</i>	B2, M2, W3	c, d	
Lesser Goldfinch. <i>C. psaltria</i>	B?5	d	7, 34, DAS
American Goldfinch. <i>C. tristis</i>	R2	d, g, f	
Evening Grosbeak. <i>Coccothraustes vespertinus</i>	R2	d, c	
Passeridae			
*House Sparrow. <i>Passer domesticus</i>	R1	g, d, f	

This information was first compiled as a preliminary check-list which was then sent to 30 local birders and other ornithologists with birding expertise and experience in southwestern Idaho for review and modification. The cover letter accompanying each draft asked reviewers to assess the abundance for each species listed, and to include personal observation data (date, location, habitat, and number of individuals observed) for all species tentatively classified as occasional, rare, accidental, vagrant, or hypothetical. The abundance code, though qualitative by necessity, had a quantitative basis. Assuming a competent birder rigorously searched the proper habitat at the correct time of year, abundance categories were:

1. Abundant—more than 40 individuals per day
2. Common—10–39 individuals per day
3. Uncommon—less than 10 individuals per day
4. Occasional—1–5 total records per year
5. Rare—3–10 total records for southwestern Idaho
6. Vagrants—accidental species for which there are 2 or fewer reliable records supported by a photograph, specimen, or detailed and accurate field notes
7. Hypothetical species—unverified sight records not supported by documentation

RESULTS

Table 1 presents the results of our investigations. The sequence of presentation and nomenclature follows the 34th supplement to the *American Ornithologists' Union Check-list of North American birds* (1982). The authority for the rare, vagrant, and hypothetical species are given where known. Initials correspond to contributors credited below or the authors (DAS, TDR); numbers correspond to literature accounts cited at the end of the paper.

ACKNOWLEDGMENTS

The following persons, organizations, and agencies were extremely helpful in donating their time, records, and expertise in helping generate this list of birds of southwestern Idaho: J. Barnett, W. Belknap, J. Carson, M. Collie, J. F. Dixon, J. Doremus, Golden Eagle Audubon Society, B. Hammond, D. Jones, R. Kuntz, A. Larson, H. Larson, J. Marks, L. Mohler, L. Powers, T. Rich, T. H. Rogers, L. Reichert, B. Sturges, D. Taylor, C. Trost, E. Yensen, Idaho Department of Fish and Game, U.S. Bureau of Land Management, U.S. Forest Service, and the U.S. Fish and Wildlife Service. We sincerely thank each contributor for their valuable input. We gratefully acknowledge the skills of B. Donahue, C. Levesque, and M. Reynolds in typing and proofreading the manuscript.

LITERATURE CITED

1. AOU COMMITTEE ON CLASSIFICATION AND NOMENCLATURE. 1982. Thirty-fourth supplement to the American Ornithologists' Union Check-list of North American Birds. Supplement to Auk 99:1–16CC.
2. BURLEIGH, T. D. 1971. Birds of Idaho. Caxton Printers, Caldwell, Idaho.
3. CRUICKSHANK, A. D., ed. 1972. Christmas bird count. Am. Birds 26:476–477.
4. _____. 1970. Christmas bird count. Audubon Field Notes 24:412.
5. DAVIS, W. B. 1934. Bird notes from Owyhee Co., Idaho. Murrelet 15:69–72.
6. _____. 1936. Broad-winged Hawk in Idaho. Condor 38:86.
7. HECKATHORN, J. 1978. Birds of southwest Idaho. Golden Eagle Audubon Society, Boise, Idaho.
8. HEILBRUN, L. H., AND H. DOWNING, eds. 1981. Christmas bird count: Montana, Wyoming, Colorado, Idaho, Utah. Am. Birds 35:375–376, 673.
9. _____. 1980. The eightieth Audubon Christmas bird count. Am. Birds 34:615.

10. HEILBRUN, L. H., AND P. R. JULIAN, eds. 1976. The seventy-sixth Audubon Christmas bird count. *Am. Birds* 30:176-552.
11. JEWETT, S. G. 1912. Some birds of the Saw-tooth Mountain, Idaho. *Condor* 14:191-194.
12. KINGERY, H. E., ed. 1972. The fall migration, Great Basin Central Rocky Mountain Region. *Am. Birds* 26:99.
13. LARRISON, E. J., J. L. TUCKER, AND M. T. JOLLIE. 1967. Guide to Idaho birds. *J. Idaho Acad. Sci.* 5:1-220.
14. LEVY, S. H. 1950. Summer birds in southern Idaho. *Murrelet* 31:2-8.
15. _____. 1962. Additional summer southern Idaho bird notes. *Murrelet* 43:10-14.
16. MARSHALL, W. H. 1945. Winter bird observations in the Boise National Forest, Idaho. *Condor* 47:170-172.
17. MERRIAM, C. H. 1891. Results of a biological reconnaissance of south central Idaho. *N. Amer. Fauna* 5:1-108.
18. _____. 1892. The Dwarf Screech Owl (*Megascops flammeolus idahoensis* Merriam). *Auk* 9:169-171.
19. NEWHOUSE, V. F. 1960. Birds of selected irrigated river valleys of west central Idaho. *Murrelet* 41:1-6.
20. POWERS, L. R. 1969. Sight record of the Blue Grosbeak in Idaho. *Murrelet* 50:20-21.
21. POWERS, L. R., AND C. H. TROST. 1977. Early records of avifauna from a 1907 scientific expedition into Idaho. *Murrelet* 58:87-88.
22. ROGERS, T. H., ed. 1975. The winter season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 29:718.
23. _____. 1976. The fall migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 30:98.
24. _____. 1977. The nesting season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 31:201-203.
25. _____. 1977. The winter season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 31:354.
26. _____. 1978. The fall migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 32:233-235.
27. _____. 1978. The winter season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 32:378-379.
28. _____. 1978. The spring migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 32:1034-1035.
29. _____. 1979. The winter season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 33:300.
30. _____. 1979. The spring migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 33:792.
31. _____. 1979. The nesting season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 33:882.
32. _____. 1980. The spring migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 34:182-183.
33. _____. 1980. The winter season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 34:291.
34. _____. 1980. The spring migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 34:800.
35. _____. 1980. The nesting season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 34:912-914.
36. _____. 1981. The autumn migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 35:205-206.
37. _____. 1981. The winter season Northern Rocky Mountain-Intermountain Region. *Am. Birds* 35:321.
38. _____. 1981. The spring migration Northern Rocky Mountain-Intermountain Region. *Am. Birds* 35:844.
39. SEIDENSTICKER, J. C., AND R. E. WELCH, compilers. 1972. The birds of Big Creek and Chamberlain Basin-Idaho Primitive Area. USDA, Forest Service, Payette National Forest, McCall, Idaho.
40. THORNBURG, F. 1956. Scissor-tailed flycatcher in Idaho. *Condor* 58:72-73.
41. WYMAN, L. E. 1912. White-throated Sparrow in Idaho. *Auk* 29:247.
42. YOCUM, C. F. 1950. Sight record of Old-squaw in Idaho. *Murrelet* 31:47.